Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 07 Dec 2021 until 23:59 on Wednesday 08 Dec 2021

Forecast Issued on Tuesday 07 Dec 2021 at 03:13

Confidence: High confidence for the arrival of Storm Barra on Tuesday with severe gales.

Headline for Tuesday 07 Dec 2021: A stormy day with severe gales for the Dales and a periods or rain, sleet and snow giving some very poor conditions.

Mountain weather hazards on Tuesday 07 Dec 2021

Blizzards Medium Likelihood	**Heavy Snow** Medium Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light snow	Heavy snow	Heavy snow	Partly cloudy (night)	Heavy snow showers (night)
Precipitation probability					
10%	30%	80%	90%	20%	60%

Forecast for Tuesday 07 Dec 2021

Weather: A reasonable bright start to the day but winds strengthening and cloud beginning to thicken from the west. A band of heavy rain, sleet and some snow will spread across the area into the late morning accompanied by severe gales. Snow is likely above around 200m but tending to increasingly become a mix of rain and sleet, at least for lower levels. A severe wind chill is expected with very poor conditions and a risk of blizzard conditions over the high ground. Rain will clear into the late afternoon, to give generally clearer conditions but occasional wintry showers are soon expected into the evening, again accompanied by some very strong gusts, and there will remain a risk of blizzard conditions at times over the tops.

Chance of cloud free mountain/hill tops above 600m: 90% falling to 10% during the late morning as the band of rain, sleet and snow crosses the area. Conditions improving to 70% by the late afternoon, with some clear spells and scattered showers

Visibility: Visibility good to start but rapidly deteriorating late morning as widespread low cloud spreads across the areas, cloud bases are expected to be broken or overcast above around 300-400m. Very poor conditions are likely on the tops at times as sleet, snow and heavy rain moves through. Periods of better visibility are likely into the afternoon but any wintry showers will soon cause it to deteriorate again.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Tuesday 07 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/15 S	18/28 SE	29/42 SE	33/45 SE	24/35 SE	28/40 SE	26/38 SE
300	2/11 S	9/23 SE	20/42 SE	20/43 SE	16/34 SE	19/40 SE	19/37 SE
Valley	5/11 E	10/24 SE	20/43 SE	20/43 SE	15/35 SE	18/39 SE	17/36 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-4	-1/-8	-1/-10	-0/-9	0/-7	0/-8	-0/-8
300	-0/-2	1/-3	1/-6	1/-6	2/-3	2/-4	2/-4
Valley	2/-1	2/-2	2/-3	2/-4	3/-1	4/-1	4/-1
Freezing Level*	300m	300m	300m	400m	600m	600m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Extremely hazardous conditions on Tuesday with very strong winds expected, particularly around mid-afternoon, 75mph may be possible higher on Whernside or Ingleborough and note the extreme wind chill. Winds are also likely to cause blizzards conditions at times.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 07 Dec 2021	0mm	0mm	0mm

Forecast for Wednesday 08 Dec 2021

Weather: A stormy start to Wednesday with frequent snow showers above 600m continuing overnight. This will continue for much of the day with some showers turning heavy and a risk of thunder too, showers will turn to rain below 800m by the end of the day. Strong southwesterly winds to start will gradually ease during the afternoon to become much lighter.

Maximum wind: Southwesterly 30 gusts 40mph gradually easing and becoming northwesterly 15mph later.

Chance of cloud free mountain/hill tops above 600m: 20% associated with frequent showers during the day, a few brighter spells but these will be hard to find.

Visibility: Cloud is likely to be broken or overcast above 500m with some patchy cloud below this, particularly in the west, and visibility poor in showers at times.

Temperature: **Valleys:** Plus 4 Celsius.
At 600m: Minus 1 rising to Plus 1 Celsius by evening.
Freezing level: 600m rising to 900m

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